

# CONCORDIA UNIVERSITY



## VICE-RECTOR'S BULLETIN

### FACULTY OF ARTS AND SCIENCE

FEBRUARY 1979 - BULLETIN NO. 7

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The next issue of the Vice-Rector's Bulletin will be the final one for the 1978-1979 academic year. The deadline for submissions is April 15, 1979. Please send all submissions to Dr. D. Taddeo, Administrative Assistant to Vice-Rector, Academic, Bishop Court, Room 326, Block A.

Thank you sincerely for your co-operation.



DR. S. AHSAN (Department of Economics)

- i) published an article entitled "Portfolio Selection in a Lognormal Securities Market", in Zeitschrift für Nationalökonomie, Vol. 38 (1978), No. 1-2, pp. 105-118.
- presented the following articles:
  - ii) "The General Equilibrium Incentive Effects of Income Taxation in a Dual Economy", at the University of Stockholm, November 21, 1978.
  - iii) "Public Investment Criteria", at the University College, Cardiff (UK), December 15, 1978.
- gave the following seminars at the following universities:
  - iv) "Toward a Theory of Agricultural Insurance", at the Norwegian School of Economics and Business Administration, Norway, October 9, 1978.
  - v) "Recent Developments in the Theory of the Firm", at the University of Oslo, Norway, November 14, 1978.
  - vi) "The Early Debate on Public Investment Criteria: Some Conclusions", at the University of Lund, Sweden, November 16, 1978.
  - vii) "Concepts and Techniques for Analysing Behaviour under Uncertainty", at the University of Lund, Sweden, November 17, 1978.
- and
- viii) was a NAVF Visiting Professor at the University of Bergen, Bergen, Norway (September-December 1978).



DR. J. AHMAD (Department of Economics)

- i) published an article entitled "Tokyo Round of Trade Negotiations and the Generalized System of Preferences", in the Economic Journal, Vol. 88, 1978.
- ii) reviewed an article entitled "India's Export Performance and Policies", in the Journal of International Economics, Vol. 8, No. 3, 1978.
- iii) was appointed a member of the United Nations Steering Committee for the Joint Study on Trade and Development and attended its first meeting in December 1978 in Vienna, Austria.

DR. Z. AMIT (Department of Psychology)

published the following articles:

- i) "Implications for a treatment model for alcoholics", in Currents in Alcoholism, Vol. II, F.A. Seixas (Ed.), Grune & Stratton, 1978 (co-authored with Z. Brown, E.A. Sutherland).
- ii) "Tolerance to high doses of morphine: Lack of evidence of learning", in Behav. Biol., 1978, 22, pp. 509-514.
- iii) "Explosive motor behavior and periaqueductal gray lesions", in Neuropharmacology, 1978, 17, pp. 205-209, (co-authored with R. Blair, J. Liran, H. Cytryniak, P. Shizgal).
- iv) "Catecholamine involvement in alcohol's properties: Implications for a treatment model for alcoholics", in M.M. Gross (Ed.) Alcohol Intoxication and Withdrawal, Vol. III, Plenum Press, New York, 1978, (co-authored with D.E. Levitan, Z.W. Brown, E.A. Sutherland).
- v) "Suppression of voluntary ingestion of morphine by inhibition of dopamine-beta-hydroxylase, in Arch. Int. Pharmacodyn. Thérap., 1978, 232, 102-110.



- vi) "Distriminative cues of aversion and reinforcing properties of self-administered drugs in the proceedings of the International Symposium on drugs as distriminative stimuli, Antwerp, 1978 (co-authored with L. Switzman, N. White).
- vii) "Training social drinking in alcoholics by manipulation of dose and inter-drink interval", in the proceedings of the International Congress on Drug and Alcohol Dependence, Warsaw, 1978 (co-authored with E.A. Sutherland).
- viii) "Acetaldehyde, catecholamines and alkaloids in the regulation of ethanol dependence", in the proceedings of the International Congress on Drug and Alcohol Dependence, Warsaw, 1978 (co-authored with Z. Brown and B. Smith).
- ix) "Acetaldehyde: A positive reinforcer mediating ethanol consumption", in the proceedings of the International Bio-medical Symposium of Alcohol Intoxication and Withdrawal, Zurich, 1978, (co-authored with Z. Brown, G.E. Rockman, B. Smith and S. Amir).
- x) "Examination of the role of tetrahydroisoquinoline alkaloids in the mediation of ethanol consumption in rats", in the proceedings of the International Biomedical Symposium of Alcohol Intoxication and Withdrawal, Zurich, 1978, (co-authored with Z. Brown and B. Smith).

DR. PAUL BABARIK (Department of Psychology)

- presented the following papers:

- i) "Que veulent-ils vraiment? Une enquête à l'échelle du Canada des préférences et des aversions pour la psychologie chez les étudiants sous-gradués en psychologie." Poster présentation, Société Québécoise pour la Recherche en Psychologie, (SQRP), Université de Montréal, November 10-11, 1978.
- ii) "Les racines canadiennes de la psychologie communautaire, SQRP, November 10-11, 1978.



FACULTY ACTIVITIES ...

5.

DR. J. BHATNAGAR (Department of Education)

- i) presented a paper entitled "Rights of Immigrant Children", at the 1978 PAPT-PACT Annual Convention, Montreal, November 24, 1978.
- ii) gave a talk on "Immigrant Children: What Parents Should Do?" which was broadcasted on Cablevision and Cable TV, on December 19 and 26, 1978.

DR. WILLIAM BRENDER (Department of Psychology)

- received a grant of \$36,500 from the Ministry of Social Affairs, Quebec, to pursue research on group treatment of sexual dysfunction (at Jewish General Hospital).

MS. M. CLARK (Lecturer, Department of Sociology and Anthropology)

- presented a paper entitled "The Canadian State and Resource Multi-Nationals", on November 21, 1978, at McGill University.

DR. PAUL D'HOLLANDER (Department of French)

- published a book entitled Colette. Ses Apprentissages, co-edited by Klincksjeck (Paris) and the Presses de l'Université de Montréal (December 1978).

DR. MONA FARRELL (Department of Education)

- presented the following papers:
  - i) "Canadian research with inner-city children", at the Annual Meeting Canada Council for Inner-City Education, Winnipeg, Manitoba, November 1978.
  - ii) "The self-concept of the inner-city child. It is vulnerable to low achievement?", at the PACT-PAPT Convention, Montreal, November 1978.
  - iii) "The above average child in the inner-city", at the Montreal Association of School Administrators, Second Annual ICLIC Conference, Montreal, April 1978.



DR. C.FONDA (Department of Modern Languages & Linguistics)

- published a book entitled "Svevo e Freud", by Longo Editore, Ravenna (Italy), in the series "L'interprete", directed by A. Scaglione of the University of North Carolina, at Chapel Hill. This book has been published with the help of a grant from the Humanities Research Council of Canada.

DR. B. FRANK (Department of Physics)

- published the following articles:
  - i) "Test for the Cumulant Approximation in the Critical Region", in J. Physics Chem. Solids 39, 763-5 (1978) with O. Mitran.
  - ii) "New Integral Representation for the Spin S Ising Ferromagnet", in Solid State Communications, Vol. 25, pp. 853-4 (1978), with O. Mitran.
  - iii) "Critical Correlation Function Approximations for the Ising Model", in J. Phys. C: Solid State Physics, Vol. 11, pp. 2087-93 (1978), with O. Mitran.
  - iv) "Critical Exponents in a New Integral Representation for the Ising Ferromagnet", in J. Phys. C: Solid State Physics, Vol. 11, pp. 2095-101 (1978).
  - v) "Spin-Operator Reduction Relations in a New Representation for the Ising Ferromagnet", in J. Phys. C: Solid State Physics, Vol. 11, pp. L789-92 (1978).

DR. D.A. FRASER (Department of Geography)

- i) presented a paper entitled "The Corry Lake Physiology Area", at the Annual Meeting of the Eastern Section of the Canadian Society of Plant Physiologists at McGill University in mid-December 1978.
- ii) participated in a discussion on Federal Forest Research Support and Funding at a special meeting of the Ottawa Valley Section, Canadian Institute of Forestry in Ottawa, in mid-December 1978.



DR. EFIE GAVAKI (Department of Sociology and Anthropology)

- has published an article entitled "The Greek Family in Canada: Continuity and Change and the Process of Adjustment", in the International Journal of Sociology of the Family, Vol. 9, No. 1, Jan-June issue, 1979.

ASSISTANT PROFESSOR A. HAMALIAN (Department of Education)

- presented the following papers:
  - i) "Children's Rights and Education in Canada", at the 1978 PACT-PAPT Annual Convention, Montreal, November 24, 1978.
  - ii) "The Education of a Political Elite in the Armenian Community of India - 19th century", at the Middle East Studies Association, University of Michigan, Ann Arbor, November 9, 1978.

ASSISTANT PROFESSOR STEPHEN S. HLOPHE (Department of Sociology and Anthropology)

- has fulfilled all the requirements for the degree of Doctor of Philosophy, McGill University.

DR. E. JOOS (Department of Philosophy)

- i) published an article entitled "La réduction phénoménologique et la transcendance du monde: ouverture ou impasse pour une métaphysique?", in Atti Del Congresso Internazionale - Tommaso D'Aquino Nel Suo Settimo Centenario, Vol. VI, pp. 517-523, December 1978.
- ii) was Visiting Lecturer at Laval University, Quebec, during the Fall Semester of 1978 and taught a course entitled "Aliénation: Mythe ou Réalité?".



- iii) is Visiting Lecturer at University of Montreal for the Winter Semester 1979 and teaches a course entitled "Ontologie: Heidegger".

DR. N.N. KAPOOR (Biology Department)

- published the following articles:
- i) "Effect of osmotic stress on the 'chloride cells' and atpase activity in the tracheal gills of stonefly nymph (insecta)", in American Zool. Vol. 18 (3), p. 626, 1978.
  - ii) "Effect of Salinity on the Osmoregulatory Cells in the tracheal gills of the stonefly nymph, paragnetina media (Plecoptera: perlidae)", in Canadian J. Zool. Vol. 56(12), pp. 2608-2613, 1978.
  - iii) "The internal morphology of sensilla on the abdominal gills of Taumatoperla alpina (insecta: Plecoptera)", in Canadian Journal Zool. 56, pp. 2194-2197, 1978.
  - iv) "Effect of Osmotic Stress on the 'Chloride Cells' and atpase activity in the tracheal gills of stonefly nymph (insecta)", in the Comparative Physiology and Biochemistry section of the annual meetings of the American Society of Zoologist held jointly with the American Microscopical Society and Animal Behaviour Society of America in Richmond, Virginia, December 27-30, 1978.

DR. D. KETTERER (Department of English)

- published the following articles:
- i) "Introduction and selections"(in collaboration with Jack Williamson), for "Apocalypse" section of the SFRA-SFWA anthology, Science Fiction: Contemporary Mythology, ed. Greenberg, Olander and Warrick (New York: Harper Row, 1978).



- ii) "Take-off to Cosmic Irony: Science Fiction Humor and the Absurd", in Comic Relief: Humor in Contemporary American Literature, ed. Sarah Blacher Cohen (Urbane: University of Illinois Press, 1978).

DR. T. A. KOVATS (Department of Physics)

- published a paper entitled "Program Readability, Closing Keywords, and Prefix-style Intermediate Keywords", in SIGPLAN Notices 13, 11 (Nov. 1978), pp. 30-42.

DR. P. L'HERAULT (Department of French)

- published an article entitled "Jacques Ferron et la question nationale", in Dérives, Montreal, Fall 1978, No. 14/15, pp. 3-23.

DR. S.K. MISRA (Department of Physics)

- published an article entitled "Systematics of EPR spectra of  $Gd^{3+}$  - in rare-earth trinitrate hexahydrate hosts", in The Journal of Chemical Physics, Vol. 69, No. 7, 1978, pp. 3093-3099, (with P. Mikolajczak).

ASSISTANT PROFESSOR E. MOULEDOUX (Department of Psychology)

- was appointed to the National Board of the Department of Religious Education of the Orthodox Church in America, Syasset, New York, October 1978.

DR. JOHN E. O'BRIEN, S.J. (Department of Communication Studies)

- i) published a paper for the First World Congress on Audio-Visuals and Evangelization in Munich under the title "Report from North America", in ACTA CONGRESSUS AV-EV, Città del Vaticano, 1978, pp. 43-47, 185-188.
- ii) participated in a seminar on "Interfaith Cooperation in Communication Projects", at the annual conference of the North American Broadcast Section - World Association for Christian Communication held at South Padre Island, Texas, in late November.



DR. CAMPBELL PERRY (Department of Psychology)

- i) is serving on the Editorial Board, Australian Journal of Clinical and Experimental Hypnosis.
- ii) was awarded the best theoretical paper on hypnosis for 1977 by the Society for Clinical and Experimental Hypnosis at the 30th Annual Convention.
- iii) became a Fellow of the Society for Clinical and Experimental Hypnosis.

DR. GAIL PFLASTER (Department of Psychology)

- i) presented a paper entitled "Factors related to academic performance of hearing impaired children in regular classes, at A.G. Bell Association for the Deaf Conference.
- ii) served on the Review Committee of The Valta Review.

DR. R. POMFRET (Department of Economics)

- participated in a conference on intra-industry trade held in Kiel, West Germany, on December 7-9, 1978. The paper which he presented will appear in the conference volume edited by H. Gribel & S. Hirsch.

DR. SUSAN RUSSELL (Department of Sociology and Anthropology)

- presented a paper entitled "Growing up female: Learning sex roles in an Ottawa high school", at the Seminar series of Interfaculty Committee on Women's Studies at Carleton University, November 21, 1978.

DR. NORMAN SEGALOWITZ (Department of Psychology)

- participated in a colloquium on "Agent-patient asymmetries in Language and cognition", at Trent University, Peterborough, Ontario, December 7, 1978.



DR. LISA SERBIN (Department of Psychology)

- published the following articles:
  - i) "Children's responses to stories with male and female characters", in Sex Roles, 1978, Vol. 4, pp. 637-645, (with J. Connor).
  - ii) "Teachers, peers and play preferences: An environmental approach to sex typing in the preschool", in Perspectives on non-sexist early childhood education, B. Sprung (Ed.) New York: Teachers College Press, 1978.
  - iii) "Environmental control of independent and dependent behaviors in preschool girls and boys: A model for early independence training", in Sex Roles, Vol. 4, 1978, pp. 867-875, (with J.M. Connor, C.C. Citron).
  - iv) "Sex related differences in response to practice on a visual spatial test and generalization to a related test", in Child Development, Vol. 49, 1978, pp. 24-29, (with M. Schackman, J. Connor).
  - v) "Training visual spatial ability in educable mentally retarded children", in American Journal of Mental Disability, Vol. 83, 1978, pp. 116-121, (with J. Connor and M. Freeman).
- and
- vi) presented a paper entitled "Modification of sex typed activity and interactive play patterns in the preschool classroom: A replication and extension", to the Association for the Advancement of Behavior Therapy, Chicago, November 1978.
- vii) received a grant in the amount of \$5,500 from the National Institute for Education (subcontract to Concordia from State University of New York for a total cost of \$95,557) to pursue research on Mathematics, visual-spatial ability and sex roles.
- viii) is acting as Grant reviewer for the National Institute of Mental Health (U.S.), Juvenile problems division, since December 1978.



- ix) reviews manuscripts for the following journals:  
Developmental Psychology, Child Development, Sex Roles,  
Journal of Consulting and Clinical Psychology, Journal  
of Personality and Social Psychology.

DR. PETER SHIZGAL (Department of Psychology)

- published the following papers:
  - i) "Naloxone's antagonism of rigidity but not explosive motor behavior: Possible evidence of two types of mechanisms underlying the actions of opiates and opioids", in Behavioral Biology, 1978, Vol. 24, p. 24, (with R. Blair, H. Cytryniak and Z. Amit).
  - ii) "Effects of morphine on escape from hypothalamic stimulation in the rat", in Society for Neuroscience Abstracts, 1978, Vol. 4, p. 502, (with S. Schenk and T. Williams).
- presented the following papers:
  - iii) "Modulation par morphine des effets appétitifs et aversifs de la stimulation électrique intracranienne chez le rat", at the 1978 meetings of La Société Québécoise pour la Recherche en Psychologie.
  - iv) "Méthodes comportementales servant à tracer les voies nerveuses responsables de l'autostimulation intracranienne chez le rat, at the 1978 meetings of La Société Québécoise pour la Recherche en Psychologie.

ASSISTANT PROFESSOR W. SIMS (Department of Economics)

- published an article entitled "The Response of Firms to Pollution Charges", in Canadian Journal of Economics, Vol. XII, February 1979.

DR. M. STELCNER (Department of Economics)

- is working on a study on salary structures in Quebec Universities (with Thierry Wills, Conseiller technique, FAPUQ).

DR. JANE STEWART (Department of Psychology)

- i) published an article entitled "Pre-exposure to morphine and the attenuation of conditioned taste aversion in



rats (*rattus norvegicus*), in Pharmacology, Bio-chemistry and Behavior, Vol. 9, 1978, 639-645

- ii) her article entitled "Environmental factors influencing the affiliative behavior of male and female rats (*rattus norvegicus*)" has been accepted for publication in Animal Learning and Behavior (co-authored with M.J. Meaney).
- iii) her article entitled "Conditioned temperature effects using morphine as the unconditioned stimulus" has been accepted for publication in Psychopharmacology.
- iv) has received a grant from the Medical Research Council in the amount of \$14,200 (first of two years) to pursue research on the conditioned physiological changes to repeated administration of psychoactive drugs.

DR. R. TITTLER (Department of History)

- presented a paper entitled "The Tudors and the Towns: urban policy in Sixteenth Century England", at the Institute of Historical Research, London University, on December 11, 1978.

DR. MURIEL UPRICHARD (Health Education)

- has been named an American Nurses' Foundation Scholar in recognition of her contribution to research in nursing.

DR. DONNA WHITE (Department of Education)

- was Chairman and Speaker of the Symposium on Early Identification, Montreal, November 1978.
- has received a general grant of \$2,240 from the Social Sciences and Humanities Research Council to do research on "Eating pattern and reactivity to external cues in obese and normal weight children".



DR. ROY WISE (Department of Psychology)

- i) published an article entitled "Amphetamine-type reinforcement by dopamine agonists in the rat", in Psychopharmacology, Vol. 58, 1978, pp. 289-296, (with R.A. Yokel).
- ii) presented a paper entitled "Brain stimulation reward sites mapped in relation to the ventral tegmental dopamine systems." Paper presented to Society for Neuroscience meetings, St. Louis, November 1978, (with D. Corbett).
- iii) participated in a colloquium at Northwestern University, January 19, 1979.